



KHIE
KENTUCKY HEALTH
INFORMATION EXCHANGE

Electronic Laboratory Results Reporting

The Kentucky Health Information Exchange (KHIE) provides a service to automate electronic laboratory reporting (ELR) of reportable diseases to the Kentucky Department for Public Health (KDPH) in compliance with 902 KAR 2:020 and Meaningful Use.

- ⇒ *Modified Stage 2: EHs and CAHs can count ELR submission toward Measure 4—Electronic Reportable Laboratory Result Reporting*
- ⇒ *Stage 3: EHs and CAHs can count ELR submission toward Measure 6—Electronic Reportable Laboratory Result Reporting*

This service includes all reportable diseases covered under Kentucky Administrative Regulation 902 2:020, with the exception of sexually transmitted diseases, HIV, and AIDS-associated laboratory reports.

What KHIE Needs

- ⇒ Laboratory feeds and reference lab orders and results must be fully mapped to Logical Observation Identifiers Names and Codes (LOINC) and Systematized Nomenclature of Medicine (SNOMED)
- ⇒ All-inclusive Admit, Discharge and Transfer (ADT) feed
- ⇒ All-inclusive ONC certified laboratory feed that supports HL7 2.5.1 ELR Standard Unsolicited Observation or Unsolicited Lab Observation messages
- ⇒ NIST Validation Report (valid message structure is essential prior to beginning onboarding). The NIST Message Validator Tool link is listed below. From the home page go to 'context-free' at top of the page to enter message to validate.
<http://hl7v2-elr-testing.nist.gov/mu-elr/>

How it Works

KHIE monitors the laboratory feed for LOINC codes relevant to reportable diseases based on rules developed by KDPH. Identified messages are submitted to KDPH on a daily basis.

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KENTUCKY
EHR | INCENTIVE
PROGRAM



Kentucky
UNBRIDLED SPIRIT

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